- DEPTH MEASURES

- NONPARAMETRIC INFERENCE
  - sign test
  - Mann-Whitney U test
  - Wilcoxon-signed Rank W test

- PERMUTATION TEST
  - Two II populations
  - Multivariate
  - center of symmetry
  - Two paired multivariate pop.
  - One-way ANOVA
  - One-way MANOVA
  - Two-way ANOVA
  - linear models
  - CI

- SURVIVAL ANALYSIS

Example:
- small sample size
- non normal data
- find outliers using DEPTH MEASURES
- perform model selection using PERMUTATIONAL approach
- build a prediction interval using NON CONFORMAL MEASURES

- GAM
- permutazioni

- BOOTSTRAP
  - CI
  - Regression (+ Nonlinear)
  - Test and p-values

- NONLINEAR REGRESSION
  - Local regression
  - Splines
  - GAMs

- CONFORMAL PREDICTION
  - Full conformal
  - Split conformal